LAND APPLICATION SITE

B. D. DICKERSON

GRBDD 1 - 13

GREENE COUNTY

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 9-18-17 between Dickerson's Windy Acres LLC referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:
The Landowner is the owner of record of the real property located in Greene, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
59-A-69			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: ☒ The Landowner is the sole owner of the properties identified herein.
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolids	Water treatment residuals	Food processing waste	Other industrial sludges
☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No

B D Dickerson, Managing Partner — B.D. Dickerson — 665 Briar Path Dr.
Landowner – Printed Name, Title — Signature — Mailing Address & Phone Number
Earlysville Va 22936
434-973-4023

Permittee: Dickerson's Windy Acres LLC

Recyc Systems, Inc, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Permittee – Authorized Representative Printed Name — Signature — PO Box 562 Remington, Virginia 22734 Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recyc Systems, Inc County or City: Greene

Landowner: Dickerson's Windy Acres LLC

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

2. Public Access
   a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
   b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
   c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:
   a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
   b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
   c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
   d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
   e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:
   Following biosolids application to pasture or hayland sites:
   a. Meat producing livestock shall not be grazed for 30 days,
   b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
   c. Other animals shall be restricted from grazing for 30 days;

5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;

6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

B D Dickerson 9/18/17

Landowner's Signature Date

Farm Operator Signature Mailing Address & Phone Number

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recyc Systems, Inc County or City: Greene

Landowner: Dickerson's Windy Acres LLC

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

2. Public Access
   a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
   b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
   c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:
   a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
   b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
   c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
   d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
   e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:
   Following biosolids application to pasture or hayland sites:
   a. Meat producing livestock shall not be grazed for 30 days,
   b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
   c. Other animals shall be restricted from grazing for 30 days;

5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;

6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature Date

P.O. Box 26
Ruckersville, VA 22968

Richard L. Durrer 434-981-7910

Farm Operator Signature Mailing Address & Phone Number

FARM DATA SHEET

SITE NAME:	B.D. Dickerson	**COUNTY:**	Greene
OWNER:	Dickerson's Windy Acres LLC; B.D. Dickerson Managing Partner	**OPERATOR:**	Richard L. Durrer
OWNER'S ADDRESS:	665 Bridle Path Drive Earlysville, VA 22936	**OPERATOR'S ADDRESS:**	P.O. Box 26 Ruckersville, VA 22968
OWNER'S TELEPHONE:	434-973-4023	**OPERATOR'S TELEPHONE:**	434-985-7622
GENERAL FARM TYPE:	Hay/ Pasture	**CELL PHONE:**	434-981-7910
# CATTLE:	80	**EMAIL:**	-
LAGOON or SLURRY:	None	**LATITUDE:**	38.216
TOPO QUAD:	Earlysville	**LONGITUDE:**	78.412
COMMENTS:		**METHOD OF DETERMINATION:**	Online Maps
			BB ~~OK~~

11-1-17

FIELD CHANGES

B.D. DICKERSON

GREENE COUNTY

OLD FIELD 9 IS NOW DIVIDED INTO TWO SEPARATE FIELDS, FIELDS 9 AND 13.

11-1-17

RECYC SYSTEMS, INC
FIELD DATA SHEET

Field Identification	DEQ Control ID	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
			Water Table	Bed Rock/Shallow	Surf/ Leach	Freq Flood			
GRBDD 1	51079-00011-0000	12.3	-	-	-	-	JR 11	59-A-69	T 525 F 8, 9
GRBDD 2	51079-00012-0000	8.3	CgB Dec.-May	-	-	-	JR 11	59-A-69	T 525 F 10
GRBDD 3	51079-00013-0000	12.0	CgB Dec.-May	AsC	-	-	JR 11	59-A-69	T 525 F 11
GRBDD 4	51079-00014-0000	4.3	CgB Dec.-May	AsD	-	-	JR 11	59-A-69	T 525 F 13
GRBDD 5	51079-00015-0000	20.8	CgB Dec.-May	AsC, AsD	-	-	JR 11	59-A-69	T 525 F 13, 17
GRBDD 6	51079-00016-0000	18.4	CgB Dec.-May Sc Nov.-Apr.	AsD	-	Sc Nov.-Apr.	JR 11	59-A-69	T 525 F 15
GRBDD 7	51079-00017-0000	10.8	-	AsD	-	-	JR 11	59-A-69	T 525 F 14
GRBDD 8	51079-00018-0000	10.3	CgB Dec.-May	AsC, AsD	-	-	JR 11	59-A-69	T 525 F 12
GRBDD 9	51079-00019-0000	5.8	-	-	-	-	JR 10	59-A-69	T 525 F 6
GRBDD 10	51079-00020-0000	14.4	-	-	-	-	JR 10	59-A-69	T 525 F 5, 7
GRBDD 11	51079-00021-0000	21.4	-	AsD	-	-	JR 10	59-A-69	T 525 F 1, 2
GRBDD 12	51079-00022-0000	15.5	-	-	-	-	JR 10	59-A-69	T 525 F 3
GRBDD 13	51079-00019-0000	4.9	-	AsD	-	-	JR 10	59-A-69	T 525 F 4
TOTAL ACRES IN SITE		159.2							

8-24-2020

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement-Biosolids and Industrial Residuals from original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: Recyc Systems, Inc Site Name: B.D. Dickerson

County or City: Greene

Please Print Signature not required on this page

Tax Parcel ID(s)	Landowners (s)
59-A-69	Dickerson's Windy Acres LLC

Report Number: 17-296-0776
Account Number: 70594

Waypoint ANALYTICAL
"Every acre...Every year."™

7621 Whitepine Road, Richmond, VA 23237
Main 804-743-9401 ° Fax 804-271-6446
www.waypointanalytical.com

Send To: Recyc Systems Inc
Susan Trumbo
8455 Whiteshop Road
Culpepper VA 22701

Grower: B.D. Dickerson
Greene Co.

SOIL ANALYSIS REPORT

Analytical Method(s): SMP Buffer pH Mehlich 3 Loss On Ignition Water pH

Date Received: 10/23/2017 **Date Of Analysis:** 10/24/2017 **Date Of Report:** 10/24/2017

Sample ID / Field ID	Lab Number	OM % Rate	W/V Soil Class	ENR lbs/A	Phosphorus M3 ppm Rate	Phosphorus ppm Rate	Phosphorus ppm Rate	Potassium K ppm Rate	Magnesium Mg ppm Rate	Calcium Ca ppm Rate	Sodium Na ppm Rate	pH Soil pH	pH Buffer Index	Acidity H meq/100g	C.E.C meq/100g
12	12825	5.2 H		143	45 M			43 VL	111 M	1011 M		5.7	6.77	1.6	7.7

Sample ID / Field ID	Percent Base Saturation K %	Mg %	Ca %	Na %	H %	Nitrate NO_3 N ppm Rate	Sulfur S ppm Rate	Zinc Zn ppm Rate	Manganese Mn ppm Rate	Iron Fe ppm Rate	Copper Cu ppm Rate	Boron B ppm Rate	Soluble Salts SS ms/cm Rate
12	1.4	12.0	65.6		20.8			3.0 M	17 M				

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: Waypoint Analytical Virginia, Inc.

by: Pauric McGroary

Pauric McGroary

Date Received: 10/23/2017
Date Of Report: 10/24/2017

SOIL FERTILITY RECOMMENDATIONS

Sample ID / Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P_2O_5 lb/A	Potash K_2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
12	Adjust pH to 6.8	0	1.8				0			2			

Comments:

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Report Number: 17-258-0685
Account Number: 70594

Waypoint ANALYTICAL
"Every acre...Every year."™

7621 Whitepine Road, Richmond, VA 23237
Main 804-743-9401 ° Fax 804-271-6446
www.waypointanalytical.com

Send To: Recyc Systems Inc
Susan Trumbo
8455 Whiteshop Road
Culpepper VA 22701

Grower: B.D. Dickerson
Greene Co

SOIL ANALYSIS REPORT

Analytical Method(s): SMP Buffer pH Mehlich 3 Loss On Ignition Water pH

Date Received: 09/15/2017 **Date Of Analysis:** 09/18/2017 **Date Of Report:** 09/19/2017

Sample ID / Field ID	Lab Number	OM % Rate	W/V Soil Class	ENR lbs/A	Phosphorus M3 ppm Rate	Phosphorus ppm Rate	Phosphorus ppm Rate	Potassium K ppm Rate	Magnesium Mg ppm Rate	Calcium Ca ppm Rate	Sodium Na ppm Rate	pH Soil pH	pH Buffer Index	Acidity H meq/100g	C.E.C meq/100g
2	25694	7.7 VH		150	59 H			135 M	110 L	2128 VH		6.8		0.4	12.3
3	25696	6.0 H		150	79 H			230 VH	118 L	2258 VH		6.9		0.2	13.1
4	25697	7.5 VH		150	56 H			93 M	87 L	1406 H		6.2	6.82	1.1	9.1
5	25698	5.8 H		150	58 H			63 VL	86 L	1875 VH		7.0		0.0	10.3
6	25699	7.3 VH		150	25 L			127 H	101 L	1407 H		6.4	6.85	0.8	9.0

Sample ID / Field ID	Percent Base Saturation K %	Mg %	Ca %	Na %	H %	Nitrate NO_3 N ppm Rate	Sulfur S ppm Rate	Zinc Zn ppm Rate	Manganese Mn ppm Rate	Iron Fe ppm Rate	Copper Cu ppm Rate	Boron B ppm Rate	Soluble Salts SS ms/cm Rate
2	2.8	7.5	86.5		3.3			4.1 H	14 M				
3	4.5	7.5	86.2		1.5			5.6 H	26 H				
4	2.6	8.0	77.3		12.1			2.6 M	12 M				
5	1.6	7.0	91.0		0.0			4.2 H	20 M				
6	3.6	9.4	78.2		8.9			3.0 M	14 M				

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by. Waypoint Analytical Virginia, Inc.

by: Pauric McGroary

Pauric McGroary

Report Number: 17-258-0685
Account Number: 70594

Waypoint ANALYTICAL
"Every acre...Every year."™

7621 Whitepine Road, Richmond, VA 23237
Main 804-743-9401 ° Fax 804-271-6446
www.waypointanalytical.com

Send To: Recyc Systems Inc
Susan Trumbo
8455 Whiteshop Road
Culpepper VA 22701

Grower: B.D. Dickerson
Greene Co

Date Received: 09/15/2017
Date Of Report: 09/19/2017

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P_2O_5 lb/A	Potash K_2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
2	Adjust pH to 6.8	0	0.0				0			2			
3	Adjust pH to 6.8	0	0.0				0			0			
4	Adjust pH to 6.8	0	1.3				0			2			
5	Adjust pH to 6.8	0	0.0				0			2			
6	Adjust pH to 6.8	0	1.0				0			2			

Comments:

Sample(s) : 4,6 Crop: Adjust pH to 6.8

Apply dolomitic lime to raise pH and improve the magnesium level.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Pauric McGroary

Report Number: 17-258-0685
Account Number: 70594

Send To: Recyc Systems Inc
Susan Trumbo
8455 Whiteshop Road
Culpepper VA 22701

Waypoint ANALYTICAL

"Every acre...Every year."™

7621 Whitepine Road, Richmond, VA 23237
Main 804-743-9401 ° Fax 804-271-6446
www.waypointanalytical.com

Grower: B.D. Dickerson
Greene Co

SOIL ANALYSIS REPORT

Analytical Method(s): SMP Buffer pH Mehlich 3 Loss On Ignition Water pH

Date Received: 09/15/2017 **Date Of Analysis:** 09/18/2017 **Date Of Report:** 09/19/2017

Sample ID / Field ID	Lab Number	OM % Rate	W/V Soil Class	ENR lbs/A	Phosphorus M3 ppm Rate	Phosphorus ppm Rate	Phosphorus ppm Rate	Potassium K ppm Rate	Magnesium Mg ppm Rate	Calcium Ca ppm Rate	Sodium Na ppm Rate	pH Soil pH	pH Buffer Index	Acidity H meq/100g	C.E.C meq/100g
7	25700	5.8 H		150	41 M			74 L	75 L	1425 H		6.5	6.87	0.6	8.5
8	25701	5.8 H		150	29 L			69 L	121 M	1204 H		6.1	6.82	1.1	8.3

Sample ID / Field ID	Percent Base Saturation K %	Mg %	Ca %	Na %	H %	Nitrate NO_3 N ppm Rate	Sulfur S ppm Rate	Zinc Zn ppm Rate	Manganese Mn ppm Rate	Iron Fe ppm Rate	Copper Cu ppm Rate	Boron B ppm Rate	Soluble Salts SS ms/cm Rate
7	2.2	7.4	83.8		7.1			3.6 H	27 H				
8	2.1	12.1	72.5		13.3			2.4 M	22 H				

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: Waypoint Analytical Virginia, Inc.

by: Pauric McGroary

Pauric McGroary

Report Number: 17-258-0685
Account Number: 70594

Waypoint ANALYTICAL
"Every acre...Every year."™

7621 Whitepine Road, Richmond, VA 23237
Main 804-743-9401 ° Fax 804-271-6446
www.waypointanalytical.com

Send To: Recyc Systems Inc
Susan Trumbo
8455 Whiteshop Road
Culpepper VA 22701

Grower: B.D. Dickerson
Greene Co

Date Received: 09/15/2017
Date Of Report: 09/19/2017

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P_2O_5 lb/A	Potash K_2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
7	Adjust pH to 6.8	0	1.0				0			0			
8	Adjust pH to 6.8	0	1.3				0			0			

Comments:

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Pauric McGroary

Pauric McGroary

Report Number: 17-261-0552
Account Number: 70594

Send To: Recyc Systems Inc
Susan Trumbo
8455 Whiteshop Road
Culpepper VA 22701

Waypoint ANALYTICAL

"Every acre...Every year."™

7621 Whitepine Road, Richmond, VA 23237
Main 804-743-9401 ° Fax 804-271-6446
www.waypointanalytical.com

Grower: B. D. Dickerson
Greene Co

SOIL ANALYSIS REPORT

Analytical Method(s): SMP Buffer pH Mehlich 3 Loss On Ignition Water pH

Date Received: 09/18/2017 **Date Of Analysis:** 09/19/2017 **Date Of Report:** 09/19/2017

Sample ID / Field ID	Lab Number	OM	W/V	ENR	Phosphorus			Potassium	Magnesium	Calcium	Sodium	pH		Acidity	C.E.C
		% Rate	Soil Class	lbs/A	M3 ppm Rate	ppm Rate	ppm Rate	K ppm Rate	Mg ppm Rate	Ca ppm Rate	Na ppm Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
1	25963	6.6 H		150	77 H			37 VL	143 L	2205 VH		7.1		0.0	12.3
9, 13	25964	6.6 H		150	51 H			123 M	107 M	1417 H		6.6	6.88	0.5	8.8
10	25965	9.3 VH		150	50 M			76 L	112 L	1740 H		6.5	6.85	0.8	10.6
11	25966	7.1 VH		150	25 L			107 M	122 M	1071 M		5.9	6.79	1.4	8.0

Sample ID / Field ID	Percent Base Saturation					Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts		
	K %	Mg %	Ca %	Na %	H %	NO_3 N ppm Rate	S ppm Rate	Zn ppm Rate	Mn ppm Rate	Fe ppm Rate	Cu ppm Rate	B ppm Rate	SS ms/cm Rate		
1	0.8	9.7	89.6		0.0			5.3 H	13 M						
9, 13	3.6	10.1	80.5		5.7			3.1 M	14 M						
10	1.8	8.8	82.1		7.5			3.3 M	11 M						
11	3.4	12.7	66.9		17.5			2.6 M	13 M						

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: Waypoint Analytical Virginia, Inc.

by: Pauric McGroary

Pauric McGroary

Report Number: 17-261-0552
Account Number: 70594

Waypoint ANALYTICAL
"Every acre...Every year."™

7621 Whitepine Road, Richmond, VA 23237
Main 804-743-9401 ° Fax 804-271-6446
www.waypointanalytical.com

Send To: Recyc Systems Inc
Susan Trumbo
8455 Whiteshop Road
Culpepper VA 22701

Grower: B. D. Dickerson
Greene Co

Date Received: 09/18/2017
Date Of Report: 09/19/2017

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P_2O_5 lb/A	Potash K_2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
1	Adjust pH to 6.8	0	0.0				0			2			
9, 13	Adjust pH to 6.8	0	1.0				0			2			
10	Adjust pH to 6.8	0	1.0				0			2			
11	Adjust pH to 6.8	0	1.8				0			2			

Comments:

Sample(s) : 9,10 Crop: Adjust pH to 6.8

Apply dolomitic lime to raise pH and improve the magnesium level.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Pauric McGroary

Pauric McGroary

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet
(Fall, 2017-Winter, 2019)
BD Dickerson
Planner: John Doe

Tract: 525 **Location: Greene**
(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
8, 9/GRBDD 1(N)	12/12	2017	Fescue grass hay mt.	90-50-220	0/0				90-50-220	N/A			
10/GRBDD 2(N)	9/9	2017	Grass Pasture	50-0-0	0/0				50-0-0	N/A			
11/GRBDD 3(N)	12/12	2017	Grass Pasture	50-0-0	0/0				50-0-0	N/A			
13/GRBDD 4(N)	4/4	2017	Grass Pasture	50-0-40	0/0				50-0-40	N/A			
13, 17/GRBDD 5(N)	19/19	2017	Grass Pasture	50-0-50	0/0				50-0-50	N/A			
15/GRBDD 6(N)	18/18	2017	Grass Pasture	50-30-0	0/0				50-30-0	N/A			
14/GRBDD 7(N)	11/11	2017	Grass Pasture	50-40-80	0/0				50-40-80	N/A			
12/GRBDD 8(N)	10/10	2017	Grass Pasture	50-30-50	0/0				50-30-50	N/A			
6/GRBDD 9(N)	7/7	2017	Fescue grass hay mt.	90-60-160	0/0				90-60-160	N/A			
5, 7/GRBDD 10(N)	15/15	2017	Hay/Pasture	100-40-95	0/0				100-40-95	N/A			
1, 2/GRBDD 11(N)	24/24	2017	Hay/Pasture	100-60-85	0/0				100-60-85	N/A			
3/GRBDD 12(N)	17/17	2017	Hay/Pasture	100-40-120	0/0				100-40-120	N/A			
4/GRBDD 13(N)	5/5	2017	Hay/Pasture	100-40-85	0/0				100-40-85	N/A			

Commercial Application Methods:
br - Broadcast ba - Banded sd - Sidedress

Notes:

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
525	GRBDD 1	12	2017-Fa	H (77 P ppm)	L (37 K ppm)	A&L MIII	7.1		
525	GRBDD 2	9	2017-Fa	H- (59 P ppm)	H- (135 K ppm)	A&L MIII	6.8		
525	GRBDD 3	12	2017-Fa	H (79 P ppm)	VH (230 K ppm)	A&L MIII	6.9		
525	GRBDD 4	4	2017-Fa	H- (56 P ppm)	M (93 K ppm)	A&L MIII	6.2		
525	GRBDD 5	19	2017-Fa	H- (58 P ppm)	M- (63 K ppm)	A&L MIII	7.		
525	GRBDD 6	18	2017-Fa	M- (25 P ppm)	H- (127 K ppm)	A&L MIII	6.4		
525	GRBDD 7	11	2017-Fa	M+ (41 P ppm)	M (74 K ppm)	A&L MIII	6.5		
525	GRBDD 8	10	2017-Fa	M (29 P ppm)	M- (69 K ppm)	A&L MIII	6.1		
525	GRBDD 9	7	2017-Fa	H- (51 P ppm)	M+ (123 K ppm)	A&L MIII	6.6		
525	GRBDD 10	15	2017-Fa	H- (50 P ppm)	M (76 K ppm)	A&L MIII	6.5		
525	GRBDD 11	24	2017-Fa	M- (25 P ppm)	M+ (107 K ppm)	A&L MIII	5.9		
525	GRBDD 12	17	2017-Fa	M+ (45 P ppm)	L+ (43 K ppm)	A&L MIII	5.7		
525	GRBDD 13	5	2017-Fa	H- (51 P ppm)	M+ (123 K ppm)	A&L MIII	6.6		

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
525	525/8, 9	GRBDD 1	12	Elioak	IVb	III	III	III	
	525/10	GRBDD 2	9	Elioak	V	IV	III	IV	
	525/11	GRBDD 3	12	Elioak	V	IV	Not Suited	IV	
	525/13	GRBDD 4*	4	Ashe	V	V	Not Suited	IV	High Leaching, High Slope
	525/13, 17	GRBDD 5	19	Elioak	IVb	IV	III	III	
	525/15	GRBDD 6*	18	Elioak	IVb	IV	III	III	High Leaching, High Slope
	525/14	GRBDD 7*	11	Elioak	IVb	IV	III	III	High Leaching, High Slope
	525/12	GRBDD 8*	10	Elioak	V	IV	Not Suited	IV	High Leaching, High Slope
	525/6	GRBDD 9	7	Elioak	IVb	III	III	III	
	525/5, 7	GRBDD 10*	15	Elioak	IVb	III	III	III	High Slope
	525/1, 2	GRBDD 11*	24	Elioak	IVb	III	III	III	High Leaching, High Slope
	525/3	GRBDD 12	17	Elioak	IVb	III	III	III	
	525/4	GRBDD 13*	5	Elioak	IVb	IV	III	III	High Leaching, High Slope

* Do not apply manure or biosolids more than 30 days prior to planting. Apply commercial fertilizer nitrogen to row crops in split spring applicaions.

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	>170	>80	>64	>6	>4.0
II	150-170	70-80	56-64	4-6	3.5-4.0
III	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Farm Summary Report

Plan: **New Plan** **Fall, 2017 - Winter, 2019**

Farm Name: **BD Dickerson**
Location: Greene
Specialist: John Doe
N-based Acres: 162.3
P-based Acres: 0.0

Tract Name: **525**
FSA Number: 525
Location: Greene

Field Name: **GRBDD 1**
Total Acres: 11.70 Usable Acres: 11.70
FSA Number: 8, 9
Tract: 525
Location: Greene
Slope Class: C Hydrologic Group: D

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2017	7.1	H(77 P ppm)	L(37 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES

47	ElB	Elioak
53	EnC3	Elioak

Field Warnings:

Field Name: GRBDD 2

Total Acres:	8.80	Usable Acres:	8.80
FSA Number:	10		
Tract:	525		
Location:		Greene	
Slope Class:	C	Hydrologic Group:	D

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2017	6.8	H-(59 P ppm)	H-(135 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
19	CgB	Chatuge
81	EnC3	Elioak

Field Warnings:

Field Name: GRBDD 3

Total Acres:	11.60	Usable Acres:	11.60
FSA Number:	11		
Tract:	525		
Location:		Greene	

Slope Class: C Hydrologic Group: D

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2017	6.9	H(79 P ppm)	VH(230 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
12	AsC	Ashe
32	CgB	Chatuge
4	ElB	Elioak
52	EnC3	Elioak

Field Warnings:

Field Name: GRBDD 4
Total Acres: 3.80 Usable Acres: 3.80
FSA Number: 13
Tract: 525
Location: Greene
Slope Class: C Hydrologic Group: C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2017	6.2	H-(56 P ppm)	M(93 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
52	AsD	Ashe
48	CgB	Chatuge

Field Warnings:
Environmentally Sensitive Soils due to:

Soils with potential for leaching based on soil texture or excessive drainage

Soils with perent slope in excess of 15%

Field Name: GRBDD 5

Total Acres:	19.40	Usable Acres:	19.40
FSA Number:	13, 17		
Tract:	525		
Location:		Greene	
Slope Class:	C	Hydrologic Group:	D

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2017	7.0	H-(58 P ppm)	M-(63 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
4	AsC	Ashe
3	AsD	Ashe
8	CgB	Chatuge
1	ElB	Elioak
71	EnC3	Elioak
13	MvB	Meadowville

Field Warnings:

Field Name: GRBDD 6

Total Acres:	18.30	Usable Acres:	18.30
FSA Number:	15		
Tract:	525		
Location:		Greene	
Slope Class:	C	Hydrologic Group:	D

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2017	6.4	M-(25 P ppm)	H-(127 K ppm)	A&L MIII

***Soils**:*

PERCENT	SYMBOL	SOIL SERIES
22	AsD	Ashe
6	CgB	Chatuge
6	ElB	Elioak
55	EnC3	Elioak
5	MvB	Meadowville
7	Sc	Codorus Suches

Field Warnings:
Environmentally Sensitive Soils due to:

Soils with potential for leaching based on soil texture or excessive drainage

Soils with perent slope in excess of 15%

Field Name: **GRBDD 7**

Total Acres:	11.20	Usable Acres:	11.20
FSA Number:	14		
Tract:	525		
Location:		Greene	
Slope Class:	C	Hydrologic Group:	C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K		Lab
Fa-2017	6.5	M+(41 P ppm)	M(74 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
20	AsD	Ashe
1	ElB	Elioak
63	EnC3	Elioak
15	MvB	Meadowville

Field Warnings:
Environmentally Sensitive Soils due to:

Soils with potential for leaching based on soil texture or excessive drainage

Soils with perent slope in excess of 15%

Field Name: GRBDD 8

Total Acres:	10.20	Usable Acres:	10.20
FSA Number:	12		
Tract:	525		
Location:		Greene	
Slope Class:	C	Hydrologic Group:	C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K		Lab
Fa-2017	6.1	M(29 P ppm)	M-(69 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES

29	AsC	Ashe
7	AsD	Ashe
14	CgB	Chatuge
50	EnC3	Elioak

Field Warnings:
Environmentally Sensitive Soils due to:

Soils with potential for leaching based on soil texture or excessive drainage

Soils with perent slope in excess of 15%

Field Name: GRBDD 9

Total Acres:	7.00	Usable Acres:	7.00
FSA Number:	6		
Tract:	525		
Location:		Greene	
Slope Class:	C	Hydrologic Group:	D

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K		Lab
Fa-2017	6.6	H-(51 P ppm)	M+(123 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
50	ElB	Elioak
50	EnC3	Elioak

Field Warnings:

Field Name: GRBDD 10

Total Acres:	15.20	Usable Acres:	15.20
FSA Number:	5, 7		
Tract:	525		
Location:		Greene	
Slope Class:	C	Hydrologic Group:	D

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2017	6.5	H-(50 P ppm)	M(76 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
16	ElB	Elioak
22	EnC3	Elioak
56	EnD3	Elioak
6	MvB	Meadowville

Field Warnings:
Environmentally Sensitive Soils due to.

Soils with perent slope in excess of 15%

Field Name: GRBDD 11

Total Acres:	23.50	Usable Acres:	23.50
FSA Number:	1, 2		
Tract:	525		
Location:		Greene	
Slope Class:	C	Hydrologic Group:	C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2017	5.9	M-(25 P ppm)	M+(107 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
20	AsD	Ashe
18	ElB	Elioak
47	EnC3	Elioak
15	MvB	Meadowville

Field Warnings:
Environmentally Sensitive Soils due to:

Soils with potential for leaching based on soil texture or excessive drainage

Soils with perent slope in excess of 15%

Field Name: GRBDD 12

Total Acres:	16.50	Usable Acres:	16.50
FSA Number:	3		

Tract: 525
Location: Greene
Slope Class: C Hydrologic Group: D

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2017	5.7	M+(45 P ppm)	L+(43 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
29	EIB	Elioak
57	EnC3	Elioak
14	MvB	Meadowville

Field Warnings:

Field Name: GRBDD 13
Total Acres: 5.10 Usable Acres: 5.10
FSA Number: 4
Tract: 525
Location: Greene
Slope Class: C Hydrologic Group: C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2017	6.6	H-(51 P ppm)	M+(123 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
44	AsD	Ashe
44	EnC3	Elioak
12	MvB	Meadowville

Field Warnings:
Environmentally Sensitive Soils due to:

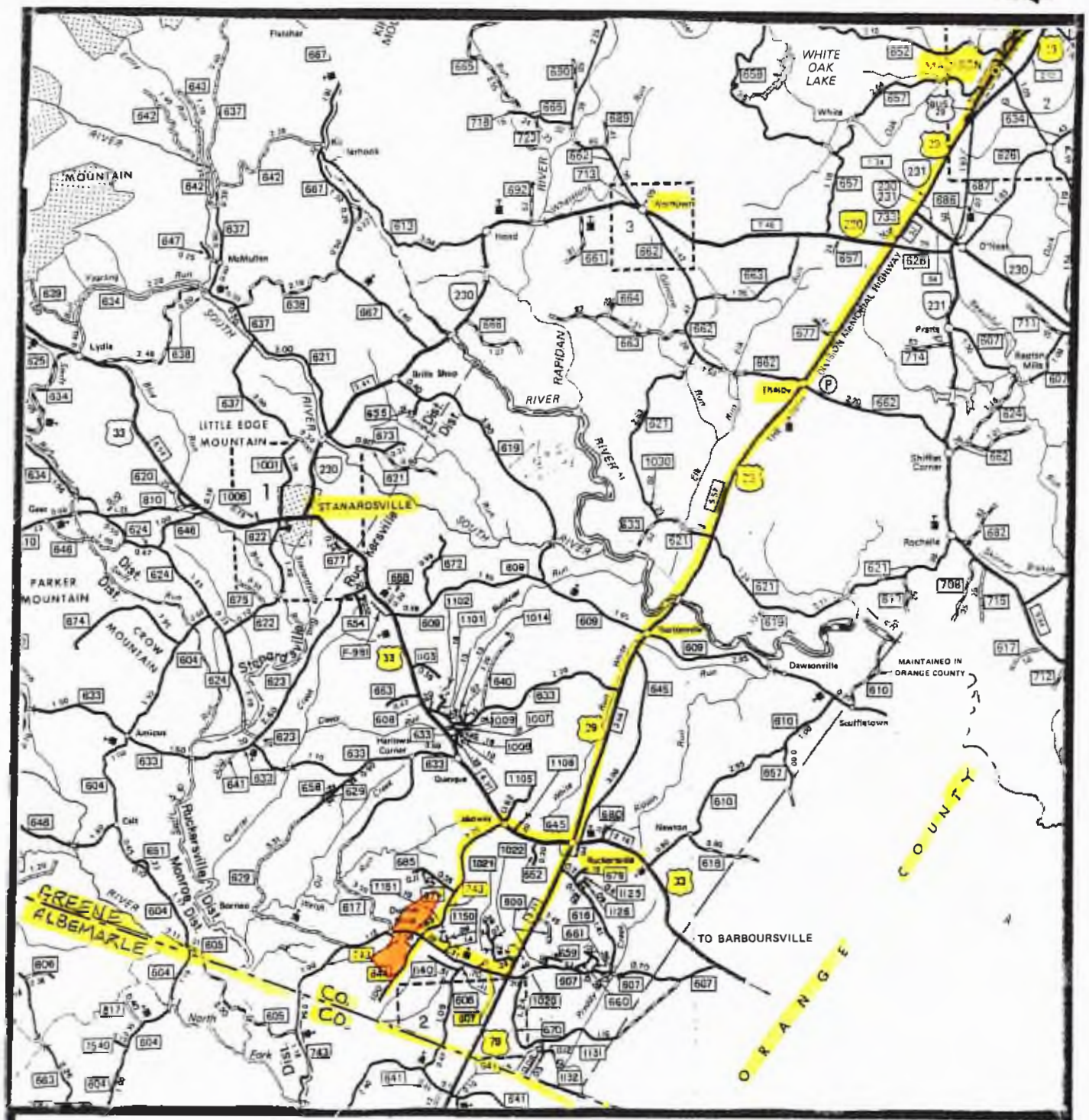
Soils with potential for leaching based on soil texture or excessive drainage

Soils with perent slope in excess of 15%

MAPS

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1"= 2 miles

GRBDD 1-13

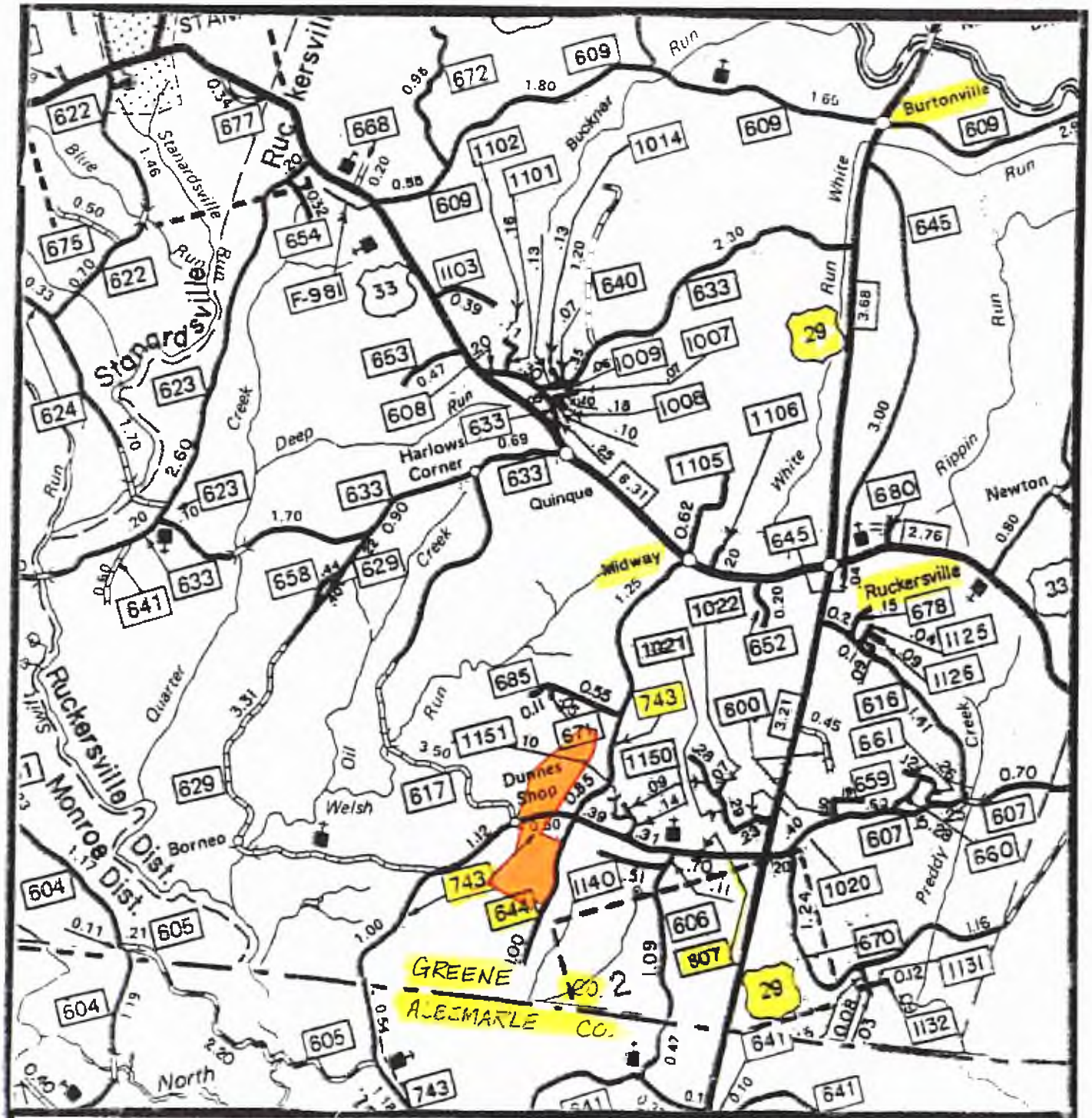
11-1-17

VICINITY MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1"= 1 mile

GRBDD 1-13

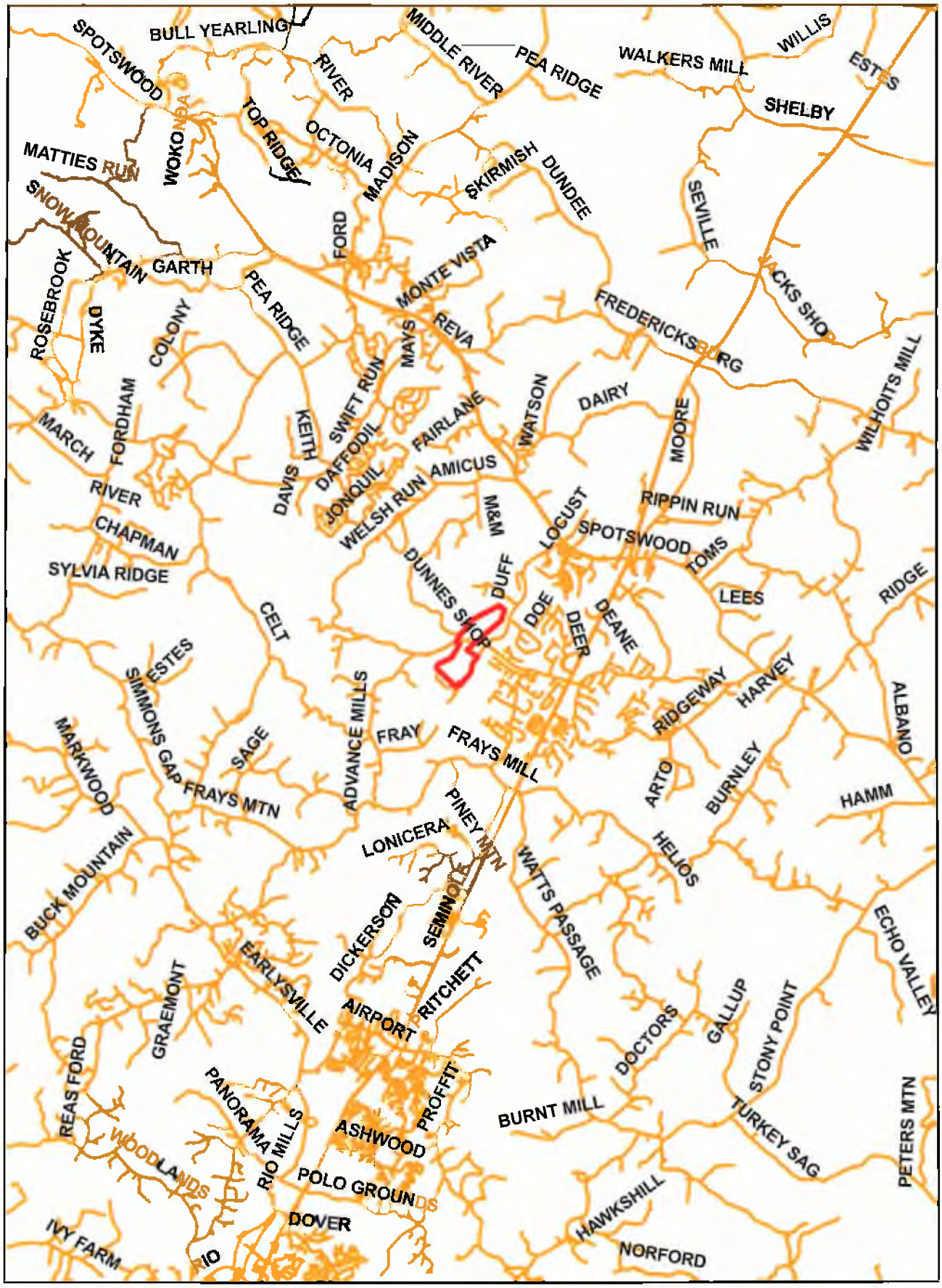
11-1-17

VICINITY MAP

N

Recyc Systems, Inc.

B. D. Dickerson GRBDD



11-1-16

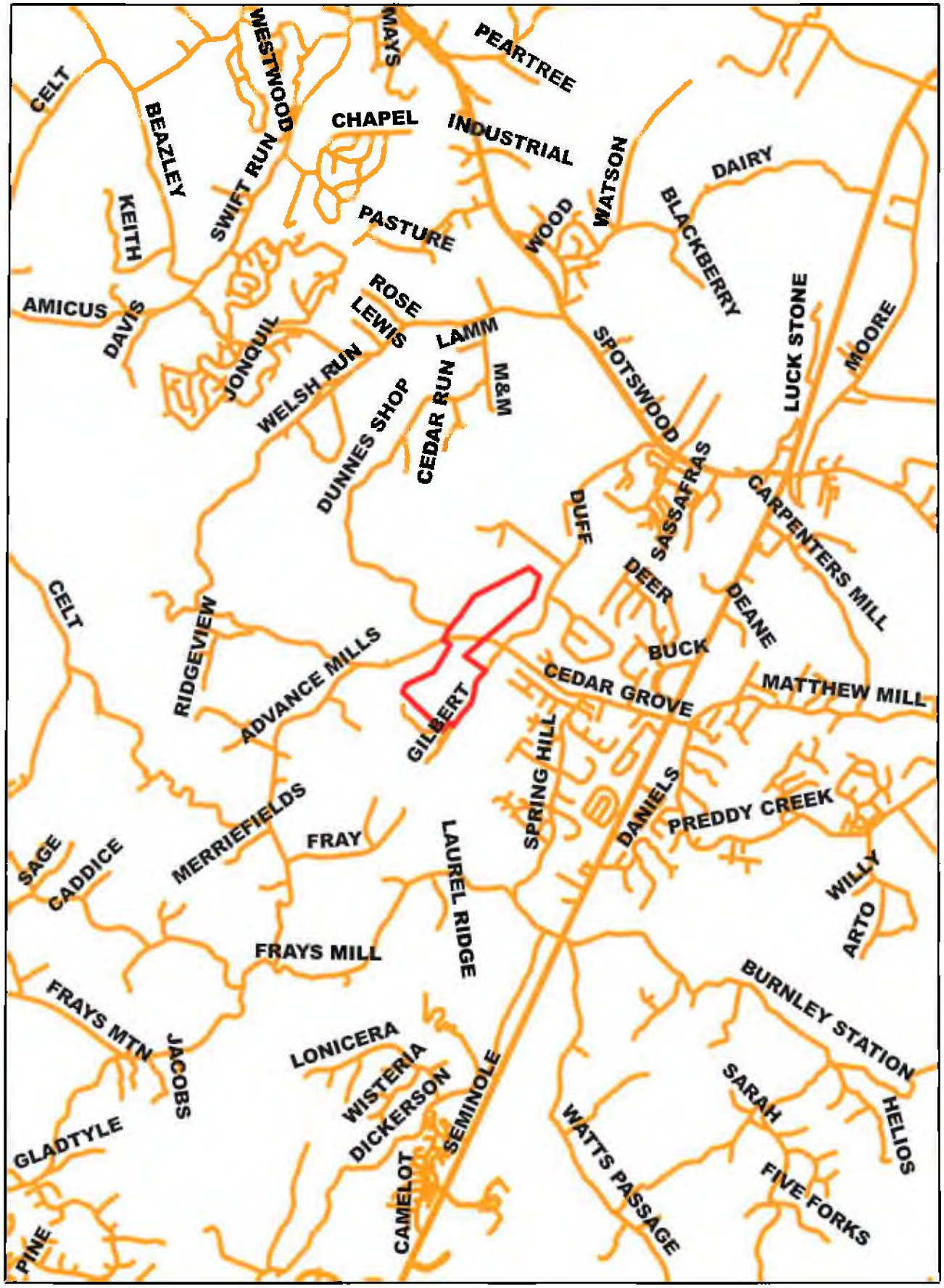
N

Vicinity Map

1 in = 2 miles

Recyc Systems Inc.

B. D. Dickerson GRBDD



11-1-16

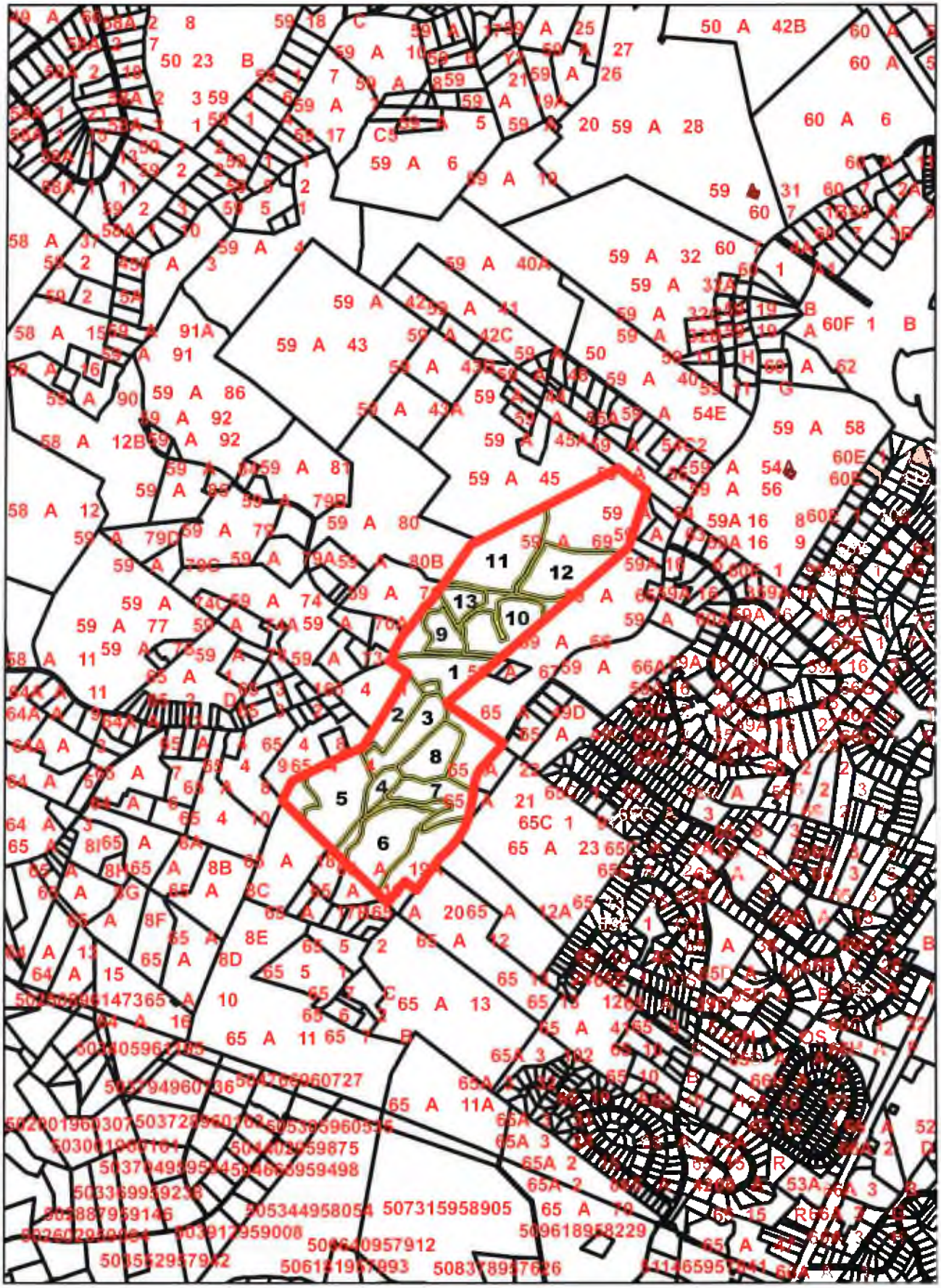
N

Vicinity Map

1 in = 1 miles

Recyc Systems Inc.

B. D. Dickerson GRBDD



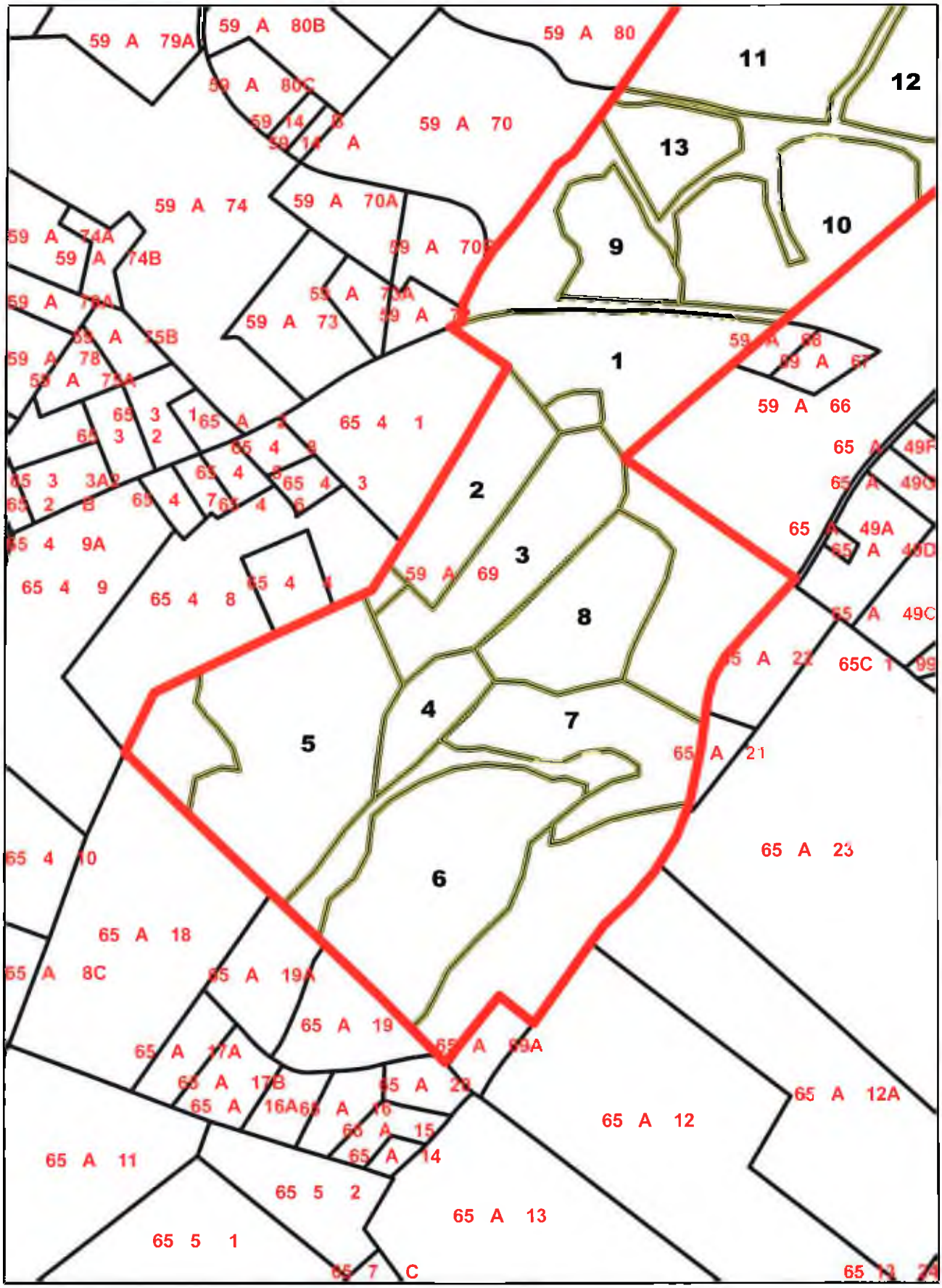
N

Tax Map

1 in = 2,000 feet

Recyc Systems Inc.

B. D. Dickerson GRBDD

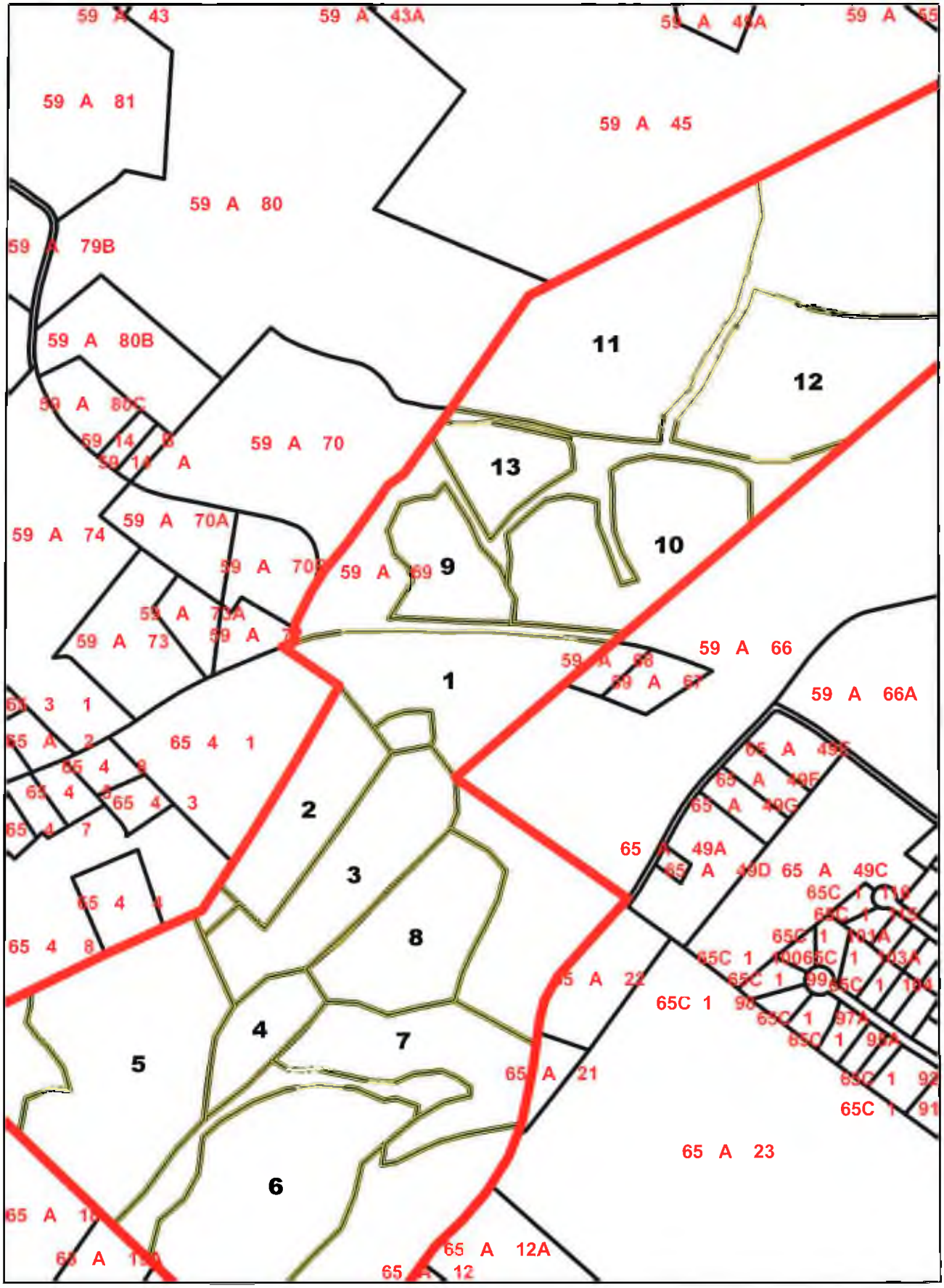


Tax Map

1 in = 660 feet

Recyc Systems Inc.

B. D. Dickerson GRBDD



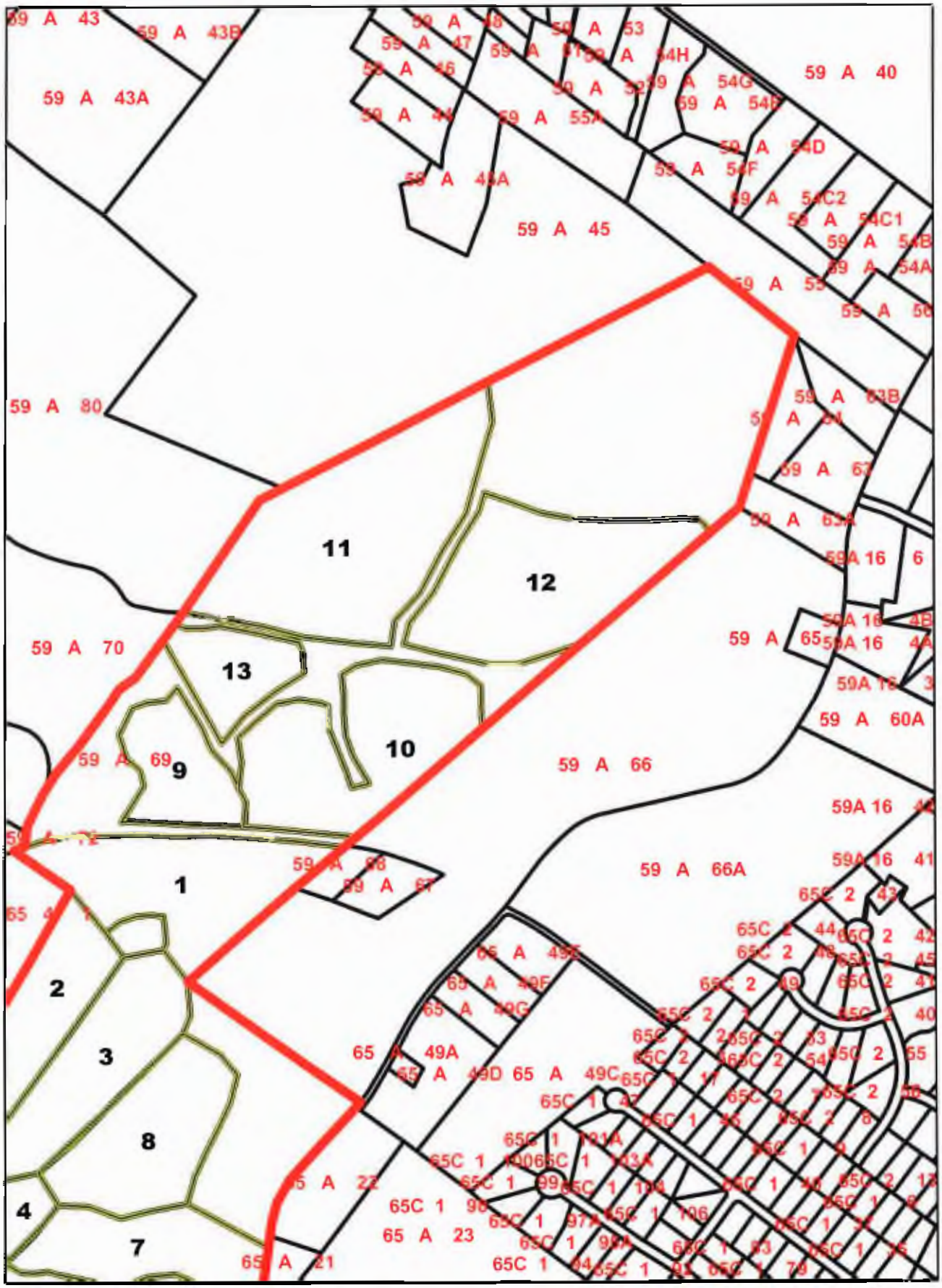
N

Tax Map

1 in = 660 feet

Recyc Systems Inc.

B. D. Dickerson GRBDD



N

Tax Map

1 in = 660 feet

ADJOINING LANDOWNERS

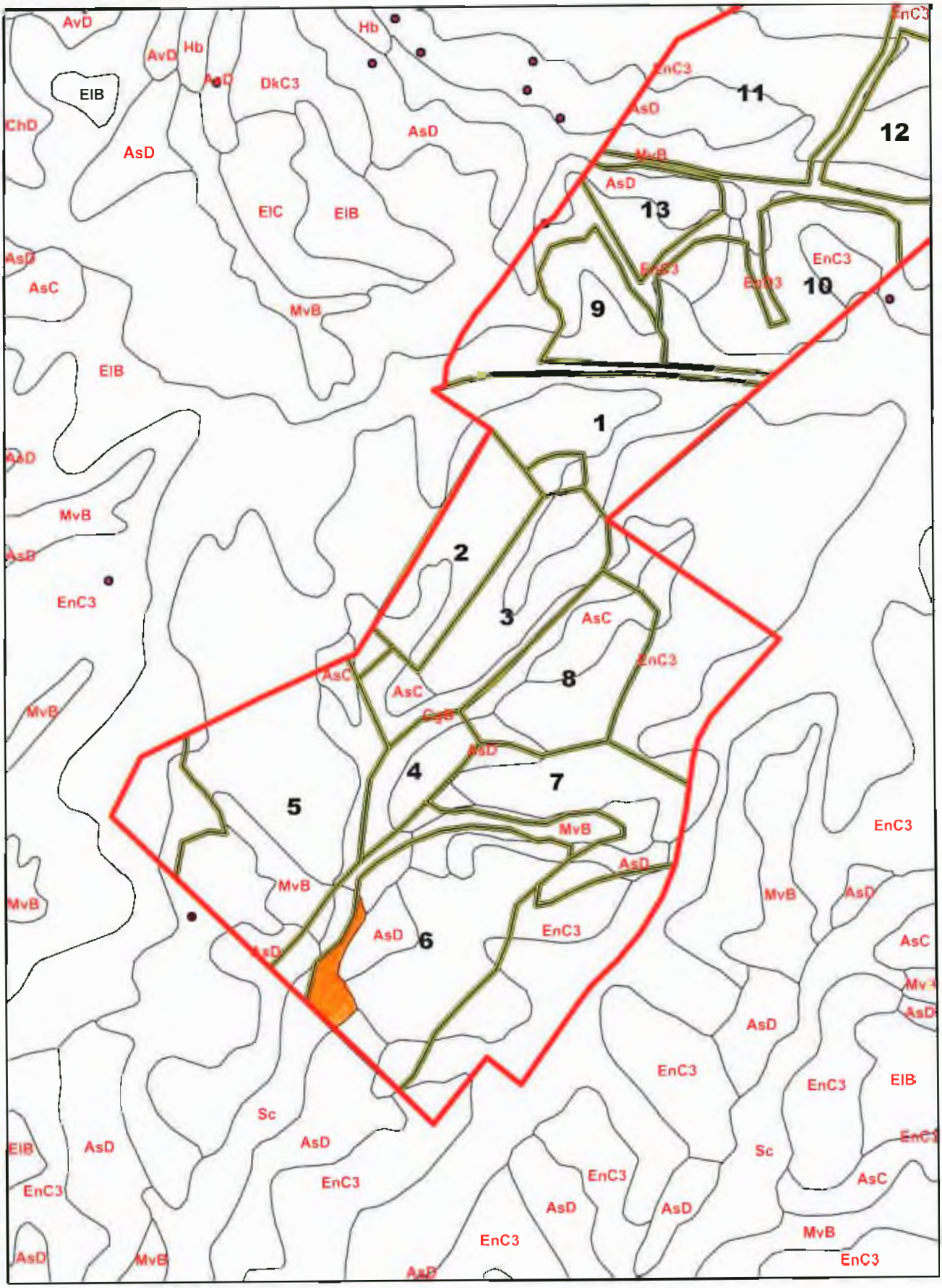
B. D. Dickerson

GREENE COUNTY

Tax Map	Parcel #	Owner Name(s)
59	A 45	Apex LLC A VA LMY Liability Co.
	A 55	Eugene D. Powell
	A 63A	James B. Glover and Glenn M. Glover
	A 63B	Matthew A. and Lynn M. Dunn
	A 64	Greene Eagle LLC
	A 66	William W. Wood
	A 68	Warner Wood
	A 70	KRM LLC
	A 70B	Lucian and Raymond Durrer
	A 72	Gregory Scott and Janine J. Utz
	A 80	Larry B. Hall
65	4 1	Otto J. Parrott Jr.
	4 4	Rae L. and Lawrence E. Snow
	4 8	Rae L. and Lawrence E. Snow
	A 12	Bella Parks Burnett
	A 12A	Gerald Hampton Burnett
	A 18	Donald Wayne and Brenda Sue Dean
	A 19	Donald Wayne and Brenda Sue Dean
	A 19A	Donald Wayne and Brenda Sue Dean
	A 20	Patrick B. Mayhew and Brandi D. Thomas
	A 21	Carlton C. Sr. and Allegra L. Spicer Trustees under the Spicer Living Trust
	A 22	Leon M. and Macie V. Fleisher Trustees of the Leon M. and Macie V. Fleisher Revocable Living Trust
	A 23	Carlton C. Sr. and Allegra L. Spicer Trustees under the Spicer Living Trust
	A 49D	Phebe Dickerson
	A 69A	Robert D. Jr. and Betty J. Sisk

Recyc Systems Inc.

B. D. Dickerson GRBDD



N

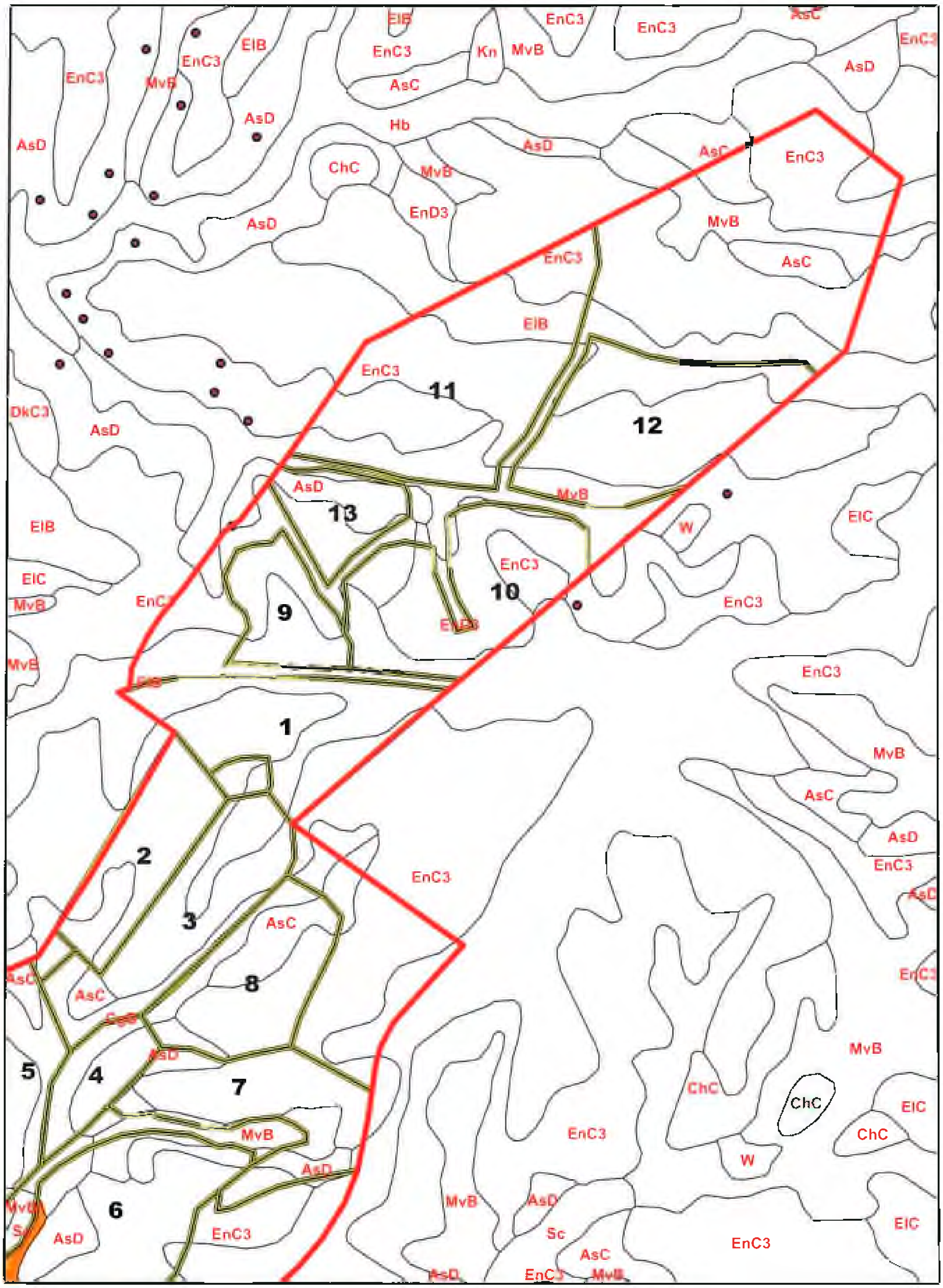
11-1-17
Frequently Flooded

Soil Map

1 in = 660 feet

Recyc Systems Inc.

B. D. Dickerson GRBDD



N

11-1-17

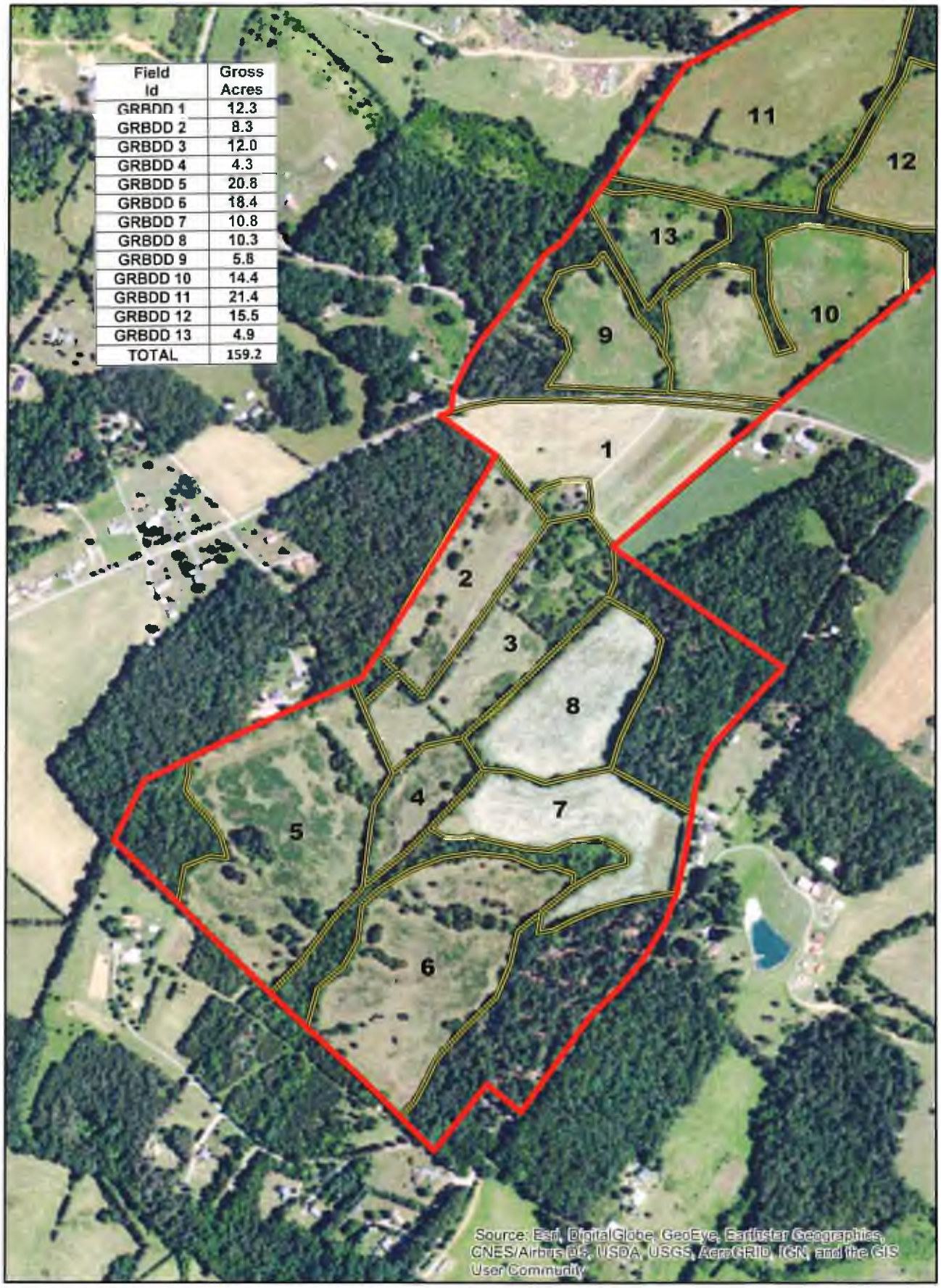
Frequently Flooded

Soil Map

1 in = 660 feet

Recyc Systems Inc.

B. D. Dickerson GRBDD



11-1-17

N

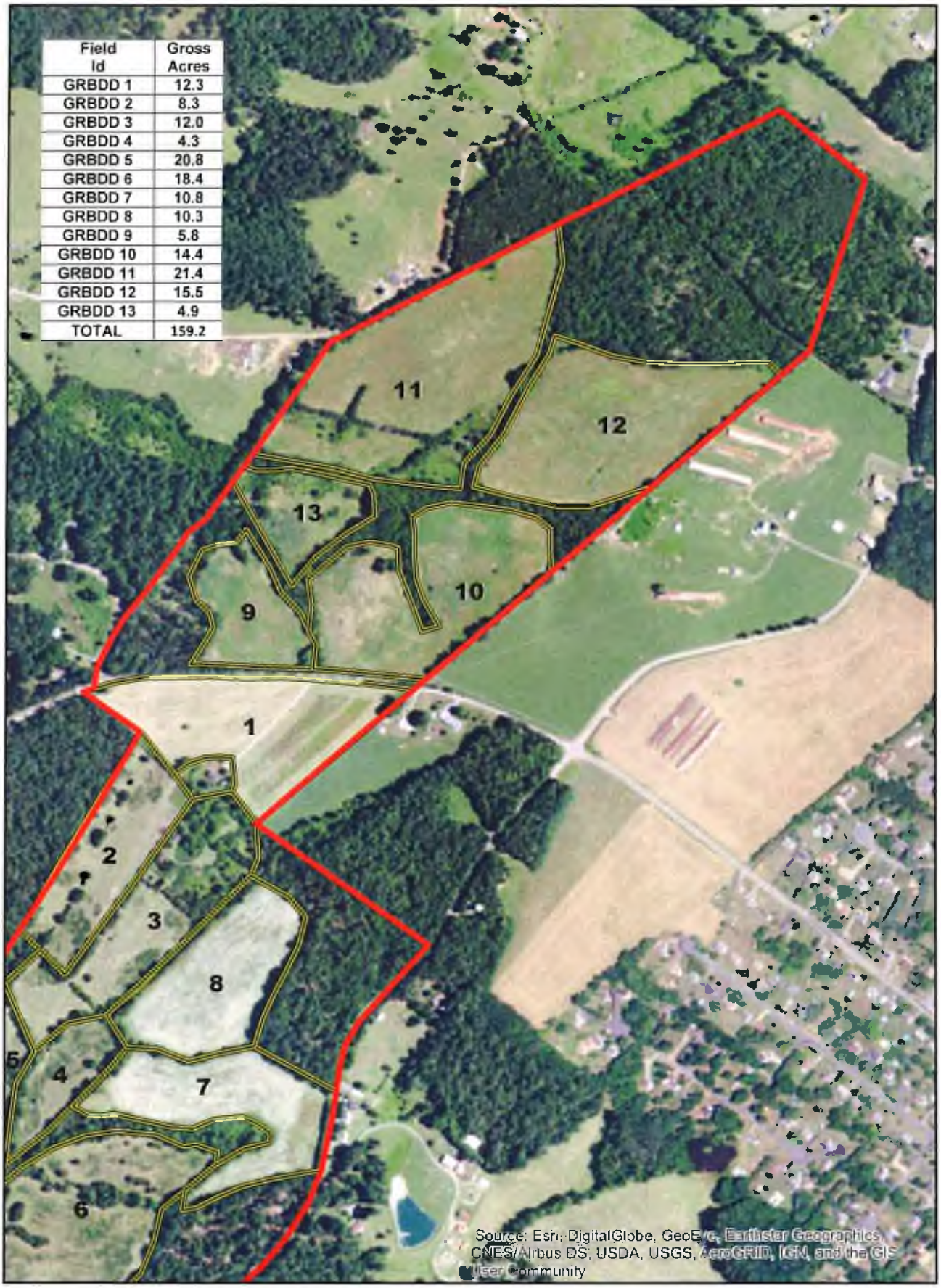
Aerial Map

1 in = 660 feet

Recyc Systems Inc.

B. D. Dickerson GRBDD

Field Id	Gross Acres
GRBDD 1	12.3
GRBDD 2	8.3
GRBDD 3	12.0
GRBDD 4	4.3
GRBDD 5	20.8
GRBDD 6	18.4
GRBDD 7	10.8
GRBDD 8	10.3
GRBDD 9	5.8
GRBDD 10	14.4
GRBDD 11	21.4
GRBDD 12	15.5
GRBDD 13	4.9
TOTAL	159.2



11-1-17

N

Aerial Map

1 in = 660 feet

USDA UNITED STATES DEPARTMENT OF AGRICULTURE

11-1-17

N

FSN 738 Tract 525
Richard Durrer

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

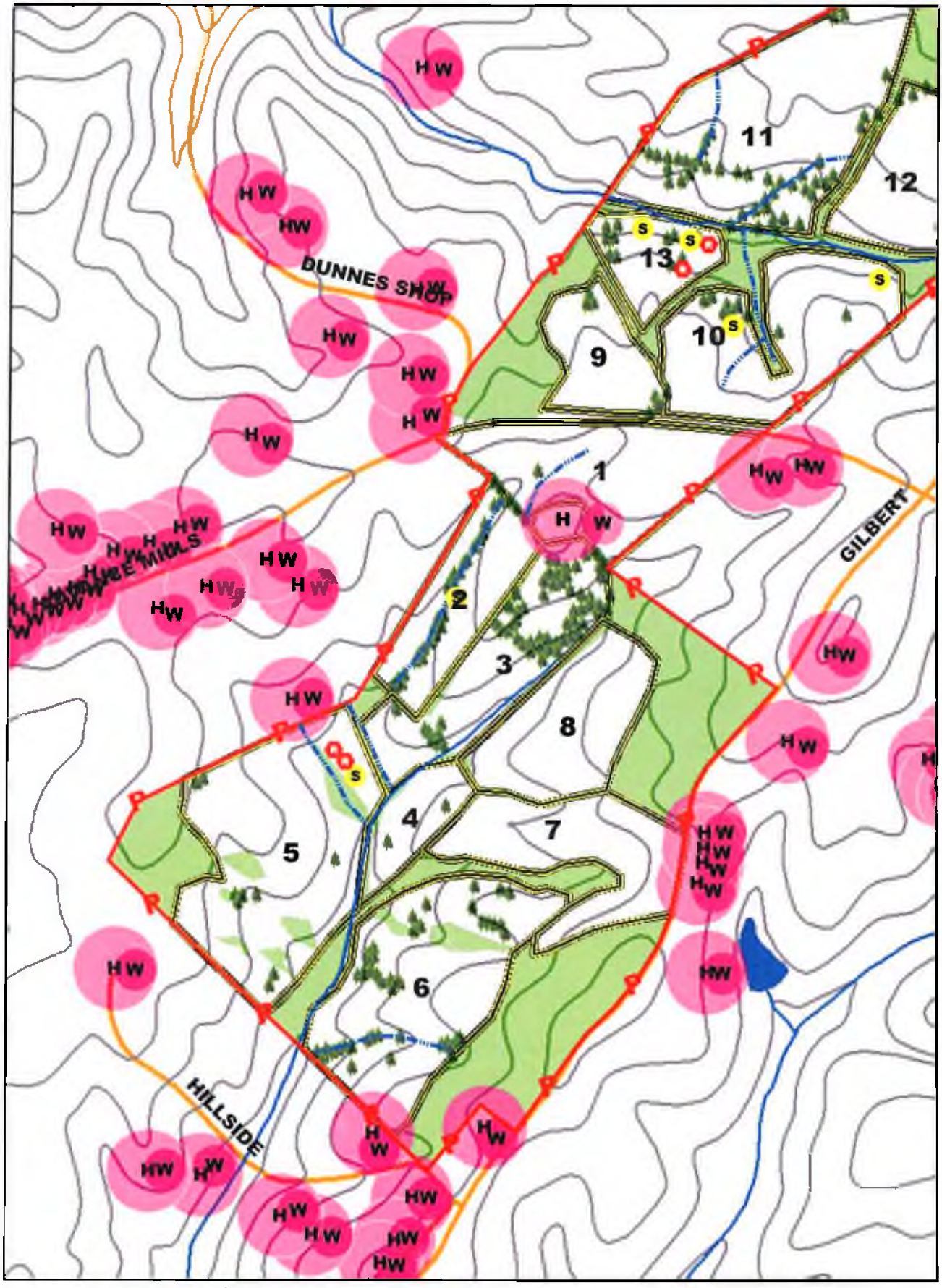
Legend For Site Plan

Symbol	Feature	Minimum Setback
	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs
	Well or Spring	100 feet from water supply wells or springs
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer
	Wet Spot	
	Trees and Woods	
	Private Drive	
	Rock Area/Rock Outcrop	25 feet from rock outcrops 50 feet from limestone rock outcrops
	Severely Eroded Spot	18 Inch minimum depth of soil
	Sink Hole	100 feet from open sinkholes 50 feet from closed sinkholes
	State Road	10 feet from side of roadway
	Fence / Field Boundary	
	Property Line	100 feet from property line *
	Slope	15% maximum
	Hashed out Area	No application

*Buffer can be reduced or waived upon written consent from landowner.

Recyc Systems Inc.

B. D. Dickerson GRBDD



11-1-17

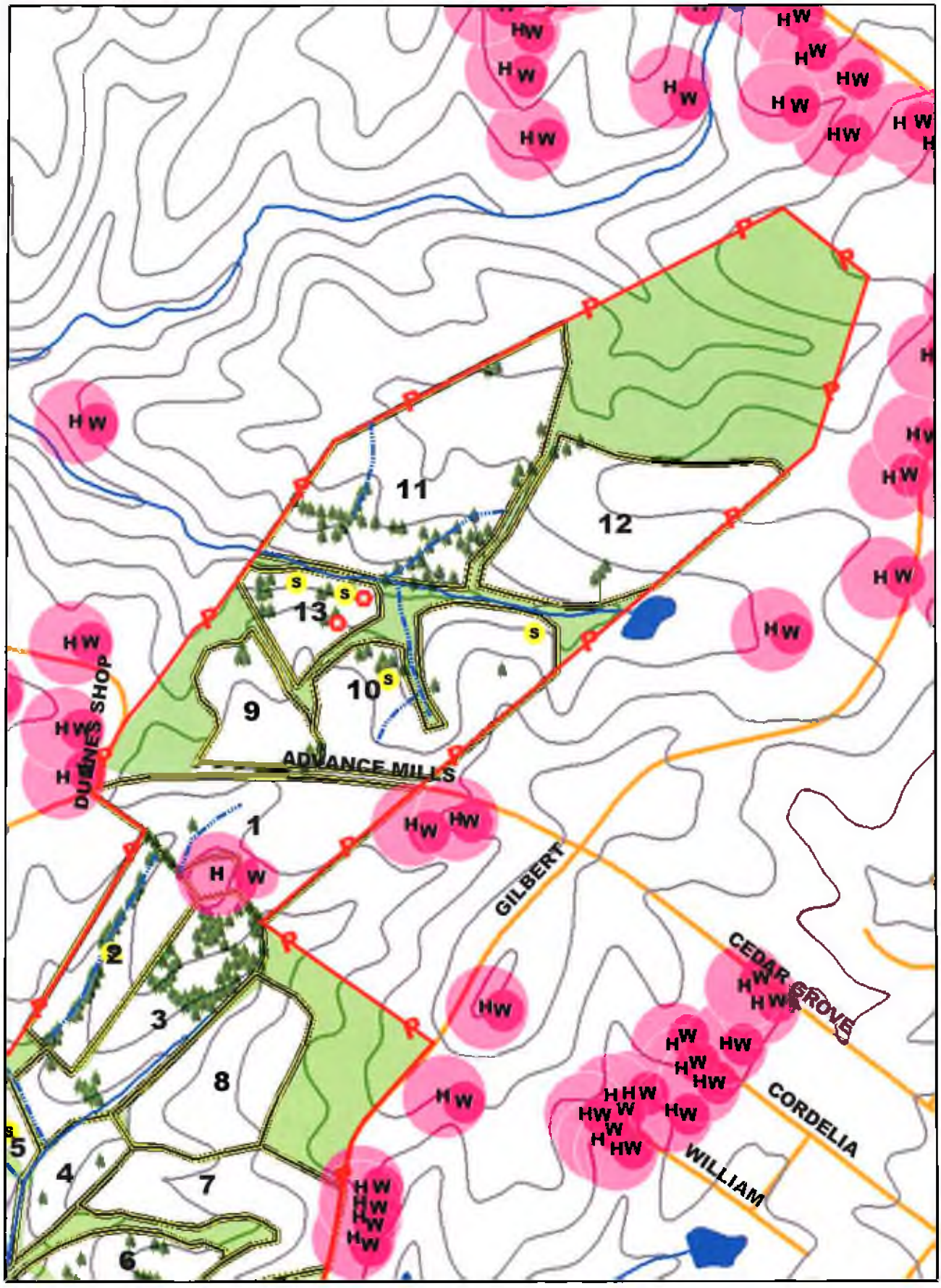
N

Site Plan

1 in = 660 feet

Recyc Systems Inc.

B. D. Dickerson GRBDD



N

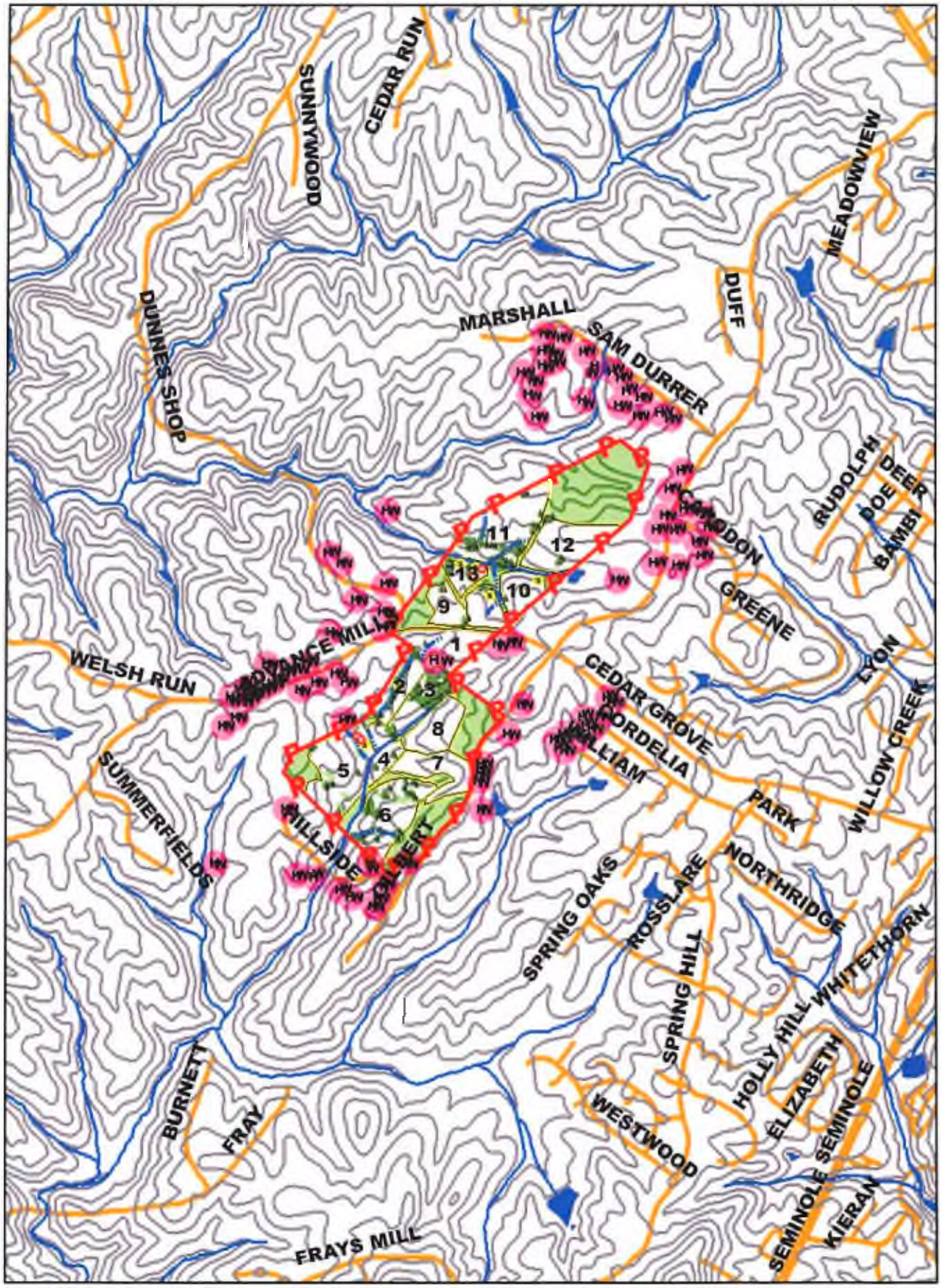
11-1-17

Site Plan

1 in = 660 feet

Recyc Systems Inc.

B. D. Dickerson GRBDD



11-1-17

N

Topographic Map

1 in = 2,000 feet